

ABSTRACT OF THE DISCLOSURE

A method of increasing the conductivity of water by mixing sodium benzoate with tap water at various concentrations. A sodium benzoate solution, in low doses is not toxic and can be consumed by humans and animals. Some embodiments of this invention are further improved by combining the water having increased conductivity with coatings that will cause the solution to adhere to the surfaces of organic and inorganic material. The increased conductivity solution can be used to reduce rust, corrosion and mold as well as the resulting offensive odors caused by mold. This product has many uses in industrial processes to prevent rust and mold and to reduce undesirable odors, for example a process for recycling newsprint and other paper containing ink.